

A Maritime Guide  
to  
Better Homes

The background of the title page features a stylized, hand-drawn American flag. The flag is composed of thick, textured brushstrokes in red, white, and blue. The stars are represented by small white dots on a dark red background. The flag is set against a light beige background with three thin black horizontal lines running across the page, creating a header and a footer area.

The Celotex Corporation . . . for almost a quarter of a century America's outstanding manufacturer of quality building materials . . . is pleased to present you with your copy of a "War-Time Guide to Better Homes." We sincerely hope that it will assist you to find greater enjoyment and comfort in the home which must serve you until victory ushers in a new era of lasting peace.

Guard Your American Home



# *This Book is Dedicated to You and Your Home*

Not since the first founding days of our nation has the American home been called upon to play so vital a role in our national life. Today, every home . . . *your* home . . . must serve as an arsenal of morale, of the spirit which will inspire the nation to victory. In teeming war production areas, homes today have been called upon to open their doors and provide quarters for men and women toiling in factories and fields to produce the material for democracy's greatest crusade. But, wherever your home may be and whatever its role in the war effort, it must survive as a symbol of the very things we are fighting to preserve . . . our cherished right to enjoy, as free men, the fullest measure of life's security and contentment.

It thus becomes the responsibility of each of us to protect and fortify our homes so that they can better weather the storms of today . . . and remain standing, firm and strong, for the day when victory is finally ours.

The purpose of this book, therefore, is to help you discharge that responsibility to your home by offering you practical and economical suggestions for enhancing its life and livability . . . timely suggestions for improvements which will be a vital contribution to the nation's war effort . . . and help to make your home a better place to live in the happier world of a peaceful tomorrow.



# *Meet an Important Neighbor*

**WHO KNOWS THE SECRET OF BETTER HOMES FOR A BETTER TOMORROW**



Somewhere in your community is a business man who provides you with your lumber and other building materials.

Unlike the grocer or druggist, service-station attendant or department-store clerk, with whom we have fairly frequent contact, week in and week out . . . our relation with the lumber dealer is limited to those times during the year when we have need of his services for various home improvements. Yet, because he is "always around when we need him," we have come

to take him for granted as a permanent fixture in the community along with the grocery, drug-store, service station or department-store.

Because of the vital importance of any building activity which you may undertake this year, we want to take this opportunity to re-introduce you to that lumber or building-materials dealer . . . frankly, with the thought that you will recognize him as the logical authority with whom to discuss and chart your own home-improvement program.



**HE IS A  
BUILDING  
SPECIALIST**

During the course of his business career, your lumber dealer has had a hand in the construction of many buildings and homes that have become landmarks in the community. This practical experience and his intimate knowledge of home construction qualify him as a real building expert. Of course, should you desire the services of an architect, he will be glad to recommend one whom he knows to be thoroughly reliable and competent.

**HE RUNS A  
"DEPARTMENT  
STORE"**

Unlike a general store where all merchandise can be attractively displayed, much of the lumber dealer's inventory is of a type that just cannot be "wrapped in cellophane" . . . but must, necessarily, be kept in stockrooms or warehouses. Yet, no matter what request you make of him, you will usually find that your dealer can satisfy your needs insofar as they do not conflict with any WPB order.

**HE IS  
A GOOD  
NEIGHBOR**

Statistics show that most lumber and building materials businesses are handed down from one generation to the next. Thus, your lumber dealer is "there to stay." Which means that he has a personal neighborly interest in the community and its homes, and, because the life-blood of any business is the good will of those who live within its trading area, your dealer will extend himself, in any service you may require of him.

**Therefore, we sincerely recommend that you "talk with your lumber dealer" before entering on any program of home improvement. His advice and counsel will be especially valuable today when you are conditioning your home for the duration and preparing it for the fuller life of tomorrow**

# *Your Government Regards Necessary Home Improvements*

**AS A VITAL WAR MEASURE**



The men directing the nation through the most critical period in its history realize that the home --- your home --- is the bulwark of American society. And that it must be kept livable and intact if it is to serve as a continuing source of comfort and inspiration during this period of national emergency.

In addition, they realize that it is imperative for home-owners in critical housing areas to assist in alleviating the housing shortages which exist in those communities. Thus, the government is making an effort to make available such materials as may be required by individual home-owners for the creation of new rooms for these deserving workers.

On the other hand, it has become absolutely essential for the government to take certain steps towards restricting non-essential building activity in order to conserve materials critically required for our mammoth war construction program . . . calling for hundreds of gigantic cantonments, munitions plants and housing projects.

In an attempt to satisfy the requirements of individual home-owners . . . both in the repairing and enlargement of their homes . . . and, at the same time, to conserve these vital materials for the war effort, the government has enacted the War Production Board's much-discussed Conservation Order L-41.



# What Does Conservation Order L-41 Say?

Much has been written and said in interpretation of the War Production Board's Order L-41 . . . which regulates all types of building activity in order to conserve critical materials for the war effort. Here are the facts.\*

## 1 NO LIMIT ON MAINTENANCE OR REPAIR WORK

## 2 \$200 LIMIT ON REMODELING IN 12-MONTH PERIOD

It is not your government's intention to allow your home to deteriorate for want of building materials. You may, therefore, do whatever maintenance work may be necessary to keep your home in "sound, working condition." You may also do whatever repair work may be necessary --- because of wear and tear, damage, etc. --- to restore any portion of your home to "sound working condition" . . . *provided that such repair work does not change the design of any portion of the building.* No government authorization is required for work which falls into this classification so long as you can demonstrate that it is justified.

Since your present home will probably have to serve you for the duration, Order L-41 authorizes every home-owner to do whatever remodeling or make whatever improvements he may desire . . . *provided that the total remodeling expenditure for labor and materials does not exceed \$200 in any 12-month period.* Restrictive though this amount may seem, it offers the astute home-owner wide opportunity for enhancing the livability and value of his home. (Your lumber dealer will gladly work out a comprehensive remodeling program that will come within this war-time limit.) No government authorization is required for expenditures which fall within this limit.

## THE DIFFERENCE BETWEEN REPAIRING AND REMODELING

**Repairing** is merely the replacement of materials which are no longer serviceable because of age or damage --- *without any change in the basic architectural design* of your home. . . .

**Remodeling** is *any* improvement --- whether it involves a change in design, materials, or both --- that is undertaken to enhance the appearance, size, or utility of your home.

### You Repair When . . .

- . . . you replace an old worn, leaky roof with new roofing of the same basic type.
- . . . you rebuild a porch blown down in a storm.
- . . . you re-glaze and re-fit present windows.
- . . . you recondition your present fireplace.
- . . . you replace rotted framing members in open basements or attics.

### You Remodel When . . .

- . . . you build dormers or cut back ungainly roof overhangs, then re-roof to cover new construction or alterations.
- . . . you rebuild, remove, or add a porch.
- . . . you build a new bay window or add shutters to present windows.
- . . . you add a new fireplace or modernize your present mantel.
- . . . you convert your basement and/or attic into a new bedroom or rumpus room.

\*The general information in this booklet concerning Conservation Order L-41 is basic and correct as of date of publication, September 7, 1942. It is suggested that you ascertain all the latest rulings affecting the type of building you contemplate when making your application.

**3 \$5,000 LIMIT ON  
"WAR CONVERSION"  
REMODELING**

Every alert American is gravely conscious of the urgent need for providing additional housing accommodations for war workers. *If you live in a specifically designated defense critical housing area, therefore, you may remodel or enlarge your house to the extent of \$5,000 in order to provide living quarters for men and women in essential industries.* (This figure covers both materials and labor.) For example, you may convert your present single-family dwelling to a two-apartment house . . . or you may add a wing containing one or more rooms. Your government will lend every assistance for such urgently-needed remodeling. Your lumber dealer will advise you of the steps necessary to obtain government authorization for such remodeling and a WPB preference rating for any materials that might, temporarily, be difficult to obtain.

**4 WHAT L-41  
SAYS ABOUT  
REBUILDING**

If your home was destroyed or damaged after December 31, 1941 --- "by fire, flood, tornado, earthquake, act of God or the public enemy" --- it can be rebuilt to its original condition. Government authorization for such new construction will be readily granted after official certification of the facts surrounding the destruction of your dwelling.

**5 WAR WORKERS  
MAY BUILD NEW  
HOMES**

Further indication of the government's intense desire to provide comfortable quarters for men and women engaged in war production is to be found in L-41's provision that such workers may, on showing an honest and well-merited need, procure WPB authorization through their local Federal Housing Administration office to erect a new home. The proposed new dwelling must, however, comply with the following provisions established by L-41 and subsequent government war housing regulations: (1) Its total cost must not exceed \$6,000. (2) Only materials authorized by WPB may be incorporated in its construction. (3) It must be easily accessible to the war industry in which the prospective occupant is employed. (4) It must be erected on property contiguous to public utilities; in other words, on land already "fed" by electric lines, gas mains and sewers. Any home built for sale, rather than occupancy by the owner, must be rented for at least four months, after which it may be sold to the war worker occupying it.



## Here's How **YOU** Can Help Solve a National Emergency

Despite almost superhuman efforts by government housing agencies and the building industry, the dawn of 1943 found the United States faced with a critical shortage of accommodations for 1,600,000 workers.

These soldiers of industry, absolutely indispensable if the United States is to maintain its Axis-smashing production pace, must be housed to keep them working at top efficiency.

They can be housed, only if every property-owner in overcrowded war production centers cooperates in these two emergency war-housing programs. . . .

### THE WAR GUEST PROGRAM

This program, already in effect in some critical housing centers, provides for listing every available spare room with a central housing authority who, in turn, will advise war workers of its availability. *If this program is in effect in your community, volunteer your extra rooms with the proper authorities as an important contribution to the war effort. IF YOU HAVE NO EXTRA ROOM, THEN MAKE ONE!* Remodeling to create new rooms is authorized under the second of the government's emergency housing measures.

### THE HOMES USE PROGRAM

In addition to the many new housing units to be erected during 1943 by government and private housing agencies, 600,000 additional units must be created through conversion of existing structures. Here's how you can help the government attain that urgent goal.

**ADD A NEW ROOM OR APARTMENT IN YOUR PRESENT HOME.** On pages 14 through 17 of this book, you will find practical suggestions for creating new rooms and whole new apartments, right in your present home. You can readily procure authorization for such needed remodeling if the new accommodations are to be made available to war workers. And your lumber dealer can tell you how to procure an FHA-insured loan up to \$5,000 to pay for these revenue-producing additions.

**LEASE YOUR HOME TO UNCLE SAM FOR THE DURATION.** Have you been thinking of giving up your home and going into an apartment? Do you own a home which is now standing idle? See your local Home Owners Loan Corporation office for information about leasing that home to the National Housing Agency. The NHA will take over your home for a fair rental, assume full responsibility for all present carrying charges, and make all improvements necessary to convert your home into desirable quarters for the largest practical number of war workers. A reasonable period after the war, your home will be returned to you with all improvements added --- free. (You may even arrange to occupy an apartment in the converted home, if you wish.)

**SELL YOUR VACANT PROPERTY TO UNCLE SAM.** If you own any large vacant building in critical war production areas --- such as warehouses, abandoned hotels, idle stores --- the Federal Public Housing Authority is interested in purchasing it for conversion into accommodations for war workers. Contact your local HOLC office for details.

*Enlist Your Home in the War for Freedom - **BUT DO IT NOW!***

# F. H. A. Financing

## IS AVAILABLE FOR VITAL HOME IMPROVEMENTS

As a further inducement to every American home-owner to enlist his home in the war effort, the Federal Housing Administration will insure loans for the following types of home construction (1) home improvement --- remodeling (2) the maintenance and repair of your home . . . (3) remodeling to provide additional rooms for war workers (4) erection of a new "war-worker home." Your dealer has complete information on and can be of invaluable assistance in negotiating any of the following type of loans. . . .



### \$500 LOAN LIMIT FOR REMODELING OR REPAIR LOAN

Under Title I of the Federal Housing Administration Act, you may obtain an FHA-insured loan up to \$500 through any of the authorized FHA agencies in your community. This is essentially a character loan and may be negotiated by your local lending agency without specific FHA authorization. The proceeds of such a loan may be used for any type of repair or remodeling (up to the \$200 limit) without procuring government permit. It can be repaid in convenient monthly payments at the rate of \$3.11 per \$100 --- or \$15.55 per month on the basis of a \$500 loan. In other words, you may take as long as 32 months to repay.

### \$2,500 LOAN LIMIT ON NECESSARY MAINTENANCE AND REPAIR WORK

Under Title I of the FHA Act any home-owner may procure an insured loan up to \$2,500 for such repair and maintenance work that may be required to safeguard the health and safety of his family . . . and to preserve the value of his property. It is required, however, that you procure government authorization by demonstrating to the local FHA authorities that the work contemplated is necessary to the maintenance of your dwelling. Such loans, known as Class 1 (a) Loans, are also payable at the rate of \$3.11 per \$100 per month over as many as 32 months.

### \$5,000 LOAN LIMIT ON "WAR CONVERSION" REMODELING

The purpose of this FHA Class 1 (b) "War Conversion" loan is to insure financing --- up to the sum of \$5,000 --- for any remodeling project the object of which is to provide new rooms for war workers. This sum can be repaid in small monthly installments over as extended a period as seven years. To procure such a loan, it is necessary that your expenditure be authorized by the War Production Board. After charting your remodeling program with your lumber dealer, he will provide you with WPB Form PD-406. This is an application for a preference rating, entitling you to purchase materials required for your remodeling program. After this form has been filled in, it should be taken to your local FHA agency who will make local investigations and send the form to Washington for federal approval. When you receive the required preference rating you may then proceed with the remodeling that will enroll your home in the forefront of our war for freedom!

**\$5,400 LOAN LIMIT  
ON ESSENTIAL  
HOMES FOR  
WAR WORKERS**

As mentioned earlier, the War Production Board will authorize the construction of a new home *if the dwelling is to be made available to a qualified worker in an essential war industry.* Under Preference Rating Order P-55, the ceiling cost for such a home is \$6,000. Under Title VI, FHA will insure loans up to 90% of cost on such dwellings --- or \$5,400 on a maximum \$6,000 home. This sum can be repaid in small periodic payments over a period of twenty-five years. To procure such a loan, file WPB Form PD-105 with your local FHA agency. After an investigation to determine the merit of the loan . . . the loan agency will send the form to Washington where authorization will be granted for the construction and a preference rating issued for materials.

From all of the foregoing, it is readily apparent that the government's primary motive in enacting Order L-41 has been solely to conserve critical materials required for the war effort by restricting non-essential home construction! Beyond that, however, the government is determined that every home-owner shall not only have the right --- but the materials and the financing necessary to protect his home-investment and to enhance the livability of his home, and that every patriotic home-owner shall be given fullest assistance in helping the government insure that every man engaged in essential war industries have a comfortable home so that he may possess the vitality and incentive necessary to labor untiringly for victory.

**LET'S TAKE AN "L-41 LOOK" AT YOUR HOME**

Having outlined, in general, the major provisions of the War Production Board's Conservation Order L-41 . . . let us now "get down to cases" and interpret the order in terms of what remodeling and repairing you are permitted to do in your own home.

In the pages that follow, therefore, we invite

you to join us on a room-to-room tour of a typical average American house . . . starting right at the front door.

Before we start on our "trip," however, let us refresh ourselves once more on the three general types of home improvement which can be done under the WPB order.

**REPAIR  
AND MAINTENANCE**

Keeping and maintaining your home in sound working condition by the replacement of outworn or damaged materials *without changing the basic design of the building.* THERE IS NO DOLLAR LIMIT IN THIS CLASS.

**REMODELING  
OR MODERNIZATION**

The improvement of the home through the use of new materials or through changes of the basic design. THERE IS A LIMIT OF \$200 IN ANY 12-MONTH PERIOD ON THIS CLASS OF REMODELING.

**"WAR CONVERSION"  
REMODELING**

The remodeling of a home to provide added or new rooms suitable for the accommodation and rental to qualified war workers. THERE IS A TOTAL LIMIT OF \$5,000 ON THIS TYPE OF REMODELING.

Although there is often only a hair's-breadth difference between what constitutes remodeling and repairing, we shall, as far as possible, attempt to identify each of the suggestions that are made on the following pages according to its proper classification. All in all, those sugges-

tions constitute a timely and practicable improvement program for the average American home . . . a program which will pay real dividends in greater enjoyment, greater comfort, and, in the case of new rooms added for war workers, greater revenue.

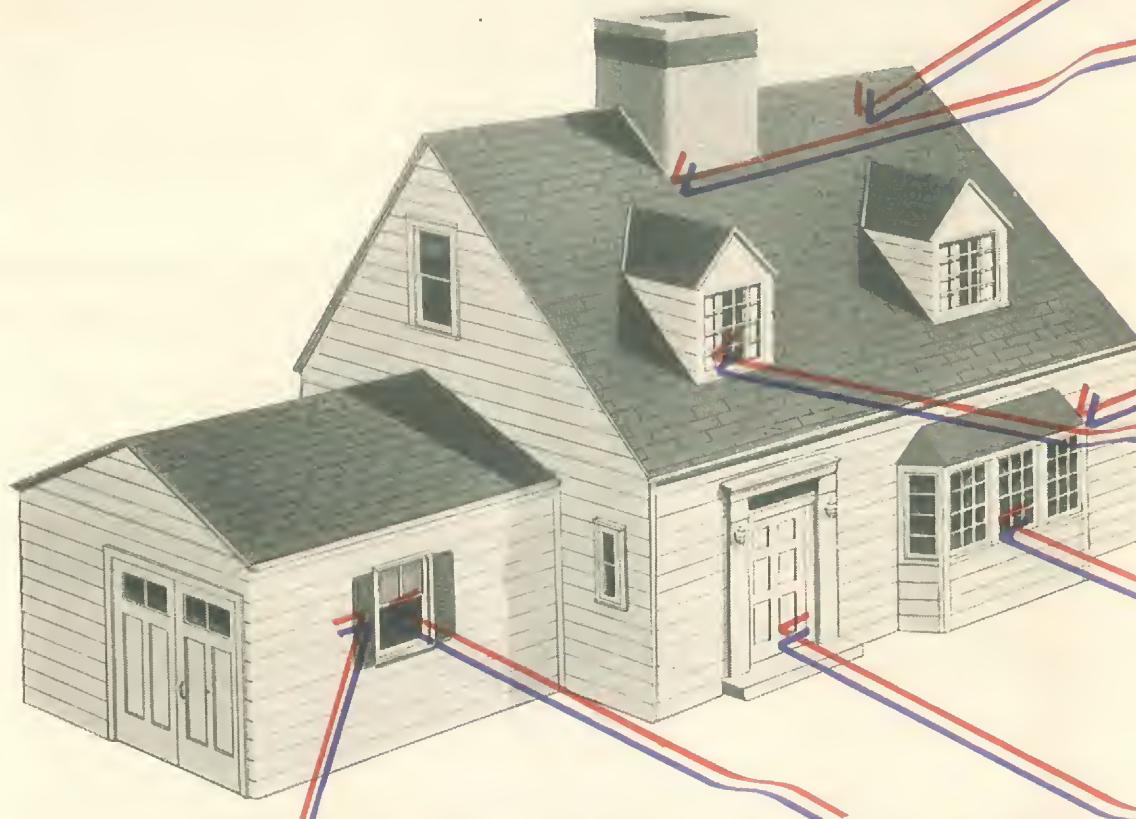
# *A Home's Exterior*

## IS ITS FIRST LINE OF DEFENSE

Like Sherlock Holmes, we say, "Elementary, dear Watson" to the proposition that the first requisite for complete home improvement is a thoroughly ship-shape exterior. That entails such items as a sound roof, weather-proof siding, a serviceable chimney, windows and doors that "work," and other items that come under the general head of "repair and maintenance" --- on which L-41 places no dollar limit.

It is good economy, however, to schedule your

remodeling operations on the exterior at the same time that you do your repair work. You will get a more satisfactory, cleaner looking job by doing so. If, therefore, you are contemplating any improvements which L-41 classifies as remodeling --- (new construction) --- plan a joint repair-remodel program for best results. Your lumber dealer will segregate your repair and remodel expenditures so that repair items --- on which there is no limit --- do not "eat up" any of your \$200 remodeling allowance.



### SHUTTERS LEND A COLORFUL TOUCH

There is nothing quite so compelling as the distinctive picture of a freshly-painted home set off with bright new shutters. A simple improvement that can be made with a minimum expenditure of time, effort and money. It is important, however, that the style selected conform to the general architecture of your home. Here is another excellent reason for conferring with your lumber dealer who knows just the type of shutter that will set off your home. If your home is already equipped with shutters, by all means have them repaired, re-fitted, and repainted.

### WINDOWS WILL NOT BE TAKEN FOR GRANTED

Anyone who has ever tried to budge a sticky window knows that it definitely has a "mind of its own." You will therefore, save yourself no end of back-breaking strain by having all windows re-fitted and hung with new sash cord so that they move smoothly up and down. It goes without saying that broken or cracked panes should be replaced without delay. But, as an economical, beautifying measure . . . why not alter the type of window? In other words, replace single-pane sashes with six-pane windows. It will add much to the new beauty of your home.

## START AT THE TOP AND WORK DOWN

A sound, intact roof is an absolute essential for every home, since it has a triple function . . . to safeguard your home investment, to give you all-weather protection, and to enhance your home's appearance.

If your roof is, on the whole, quite serviceable, immediate repair of worn spots will add many years to its life. *It is usually poor economy, however, to try a patch-work repair job on a roof that has started --- or is on the verge of --- springing leaks "all over the place."* The only efficient remedy for such a roof is complete re-roofing which L-41 classifies as a necessary repair expenditure.

**Celotex Triple-Sealed Asphalt Shingles** will provide added years of home-saving, comfort-insuring protection. Inner-, outer-, and face-sealed with durable, weather-resistant asphalt . . . they will "stand up" against anything nature has to offer . . . blistering summer sun, biting wintry blasts, thundering sheets of rain. And their wide range of modern designs and handsome colors --- all tried and proved for permanence --- will add truly rich beauty to your home for many years to come. Your dealer can provide you with complete information on this quality roofing. Ask him for free literature and samples.

## GIVE A THOUGHT TO YOUR CHIMNEY

Not only can a faulty chimney constitute a very real fire hazard, it may often be the primary cause of a leaky roof. Worn out flashings that permit rain water or melted snow to seep through can cause

considerable interior damage. Therefore, it is imperative that the repair of chimney brickwork flue lining and flashings should be one of must items on your exterior rejuvenating program.

## NO "WALLS OF JERICHO" FOR WAR-TIME HOMES

The War Production Board realistically classifies the replacement of worn and faulty siding as a "necessary repair." For, it realizes that no home can give adequate service without sturdy, durable outer walls. If, therefore, the exterior of your home shows noticeable signs of wear, it should be restored to its original condition at once. *In the case of wood or asphalt shingles . . . replace any that are cracked, worn or missing. Brick walls should be tuck-pointed to replace mortar worn away by the incessant pounding of the elements. If your home has stucco walls . . . have all cracks filled --- no matter how small.* Do not, however, waste money trying to mend walls that are "too

far gone." You will find yourself spending more, in the long run, for piecemeal patching --- that will never be entirely satisfactory --- than it will cost you to recover your walls.

**Celotex Siding Materials** -- durable, weather-resistant exterior facings available in a wide variety of types, textures and finishes. In colors contrasting those of the roof, they will make your home a handsome "stand-out" in the community. They can be quickly and easily applied right over the present siding, thus involving a minimum expenditure of time and money. See your Celotex Dealer for information and samples.

## LET THERE BE LIGHT — UPSTAIRS

The addition of a dormer will do much to enhance the appearance of your home . . . as well as to increase the utility of otherwise dark, poorly-ventilated and unwelcoming upstairs areas. In fact, it is practically essential for the conversion of many attics into

new, livable rooms. It is important, however, that the dormer conform to the general architecture of the home. For that reason, it is wise to consult with your lumber dealer about the style of dormer best suited to your type of construction.

## YOU'LL FIND CHARM AND CHEER IN A BAY

The favorite prescription of many home designers for giving a warm new face to any home is the addition of a commodious bay window. Admitting light from three directions, it will do much to stimulate a feeling of good cheer in all who enter the home. Considering the transformation which it will make in the whole character of your home . . . a bay window is a comparatively low cost improvement. Your lumber dealer can show you how to add one at a cost somewhere in the neighborhood of \$100. Here is the ideal way to get the thrill of a new home for

the cost of a modest remodeling operation.

**A Porch Can be the Key to a "New Face"** By simply removing or altering outmoded or sprawling old porch you can give your home a completely new face. It will involve only a small expenditure to make the "sore thumb" verandah an attractive element of the exterior. But do not infer that the idea of a porch is *declassé*. The porch-less home can be immeasurably enhanced by the addition of an outdoor living room that becomes an unobtrusive element of the exterior.

## A HOSPITABLE NEW DOOR CAN ADD CHARACTER

No longer is the astute home-owner content with "just any old door" that keeps out the weather. Today, builders emphasize the need for a door which will make a warm, lasting impression on all who approach it. Your dealer can provide any number of "ready-made" doors that will, by themselves, give your home a distinctive feeling of newness. And

while we're on the subject of doors, you might give a thought to enlarging the entrance-way . . . perhaps using double doors or building in a window on either side of the entry. And here's a timely tip. Covered entrances --- perhaps a canopy --- at exterior doors will be a subtle way to keep visitors from tracking in outdoor weather.

# Insulation . . . Today's Formula for Comfort and Economy . . .

**CAN BE YOUR CONTRIBUTION TO VICTORY!**

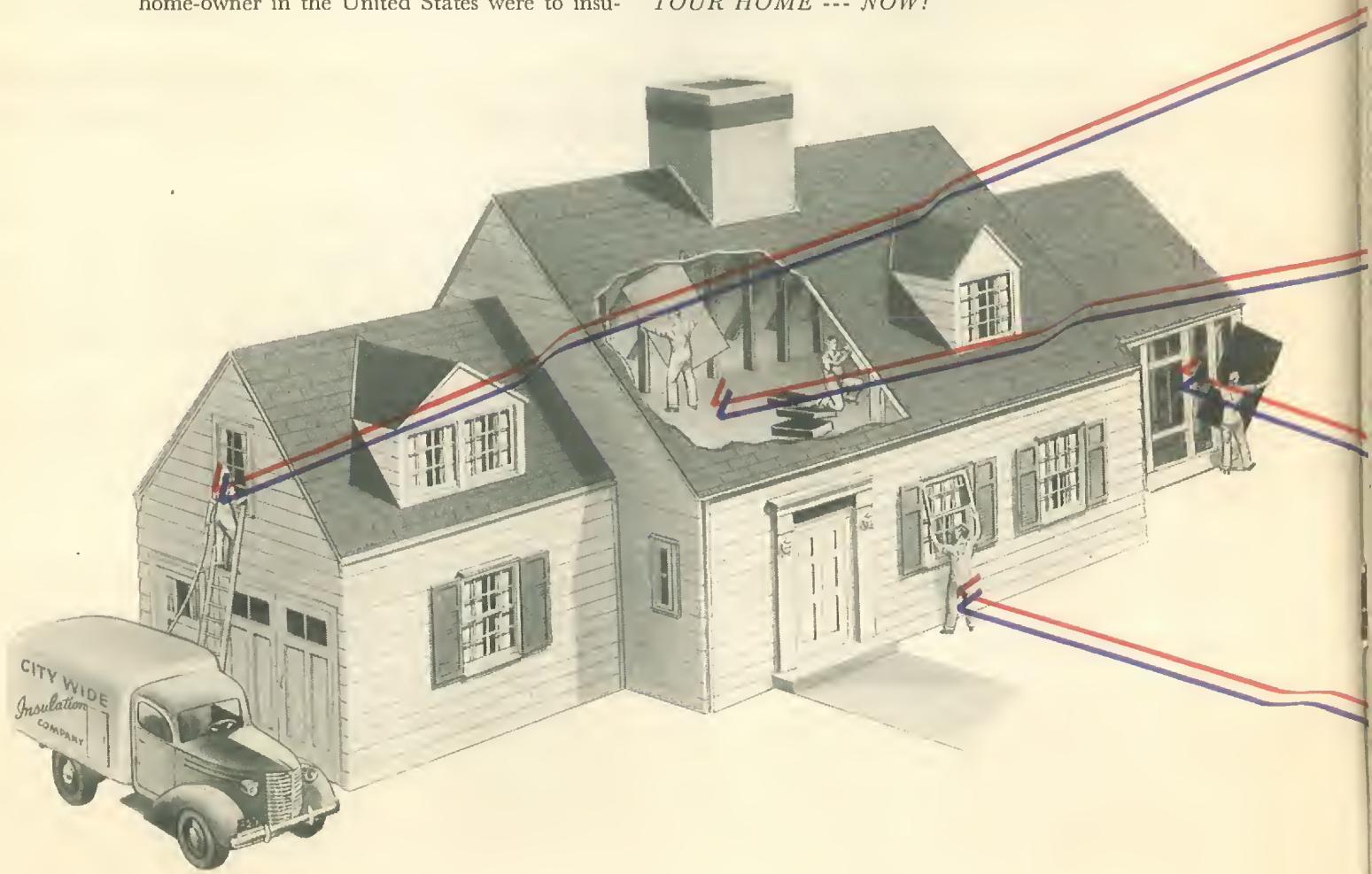
Since the beginning of civilization, man has instinctively turned to some form of insulation for protection against the elements. In a nation at war --- confronted with the necessity of procuring endless streams of materials vital to the war effort, insulation must assume the added function of helping to conserve fuel essential to the operation of a gigantic war machine.

*For, efficient, scientifically correct insulation enables you to keep your home healthfully, comfortably warm . . . while reducing your fuel consumption as much as 30% to 40%.*

It can readily be seen, therefore, that if every home-owner in the United States were to insu-

late his home --- now --- your government would have additional fuel sufficient to heat dozens of vital war plants . . . to keep hundreds of warships at sea . . . enough to keep thousands of planes in the air! Whole caravans of tank-and coal-cars, tankers and barges, thousands of motor trucks --- now required to haul fuel to America's millions of homes --- would be released to transport the men, materials and machines that will hasten the day of victory.

*It is for that reason that your government has repeatedly broadcast this urgent appeal to the home-owners of the nation . . . INSULATE YOUR HOME --- NOW!*



## THIS IS THE "COMFORT MAGIC" OF INSULATION

Broadly speaking, insulation tends to "seal" your home against excessive loss of furnace heat during fall and winter. And, by the same token, it acts as a barrier to blistering summer heat.

This year 'round vigil means, of course, that the temperature indoors will be uniformly comfortable twelve months of the year . . . and in every room of the house. For, rather than being free to make a "bee-line" out through the nearest wall, as it generally does in the un-insulated house, heat is forced to "stay around" within the insulated structure, passing through the house to warm every room.

Insulated homes are cleaner, too, since they are

happily spared the presence of unsightly lath marks on walls and ceilings . . . annoying blemishes caused by the action of escaping heat striking cold wall-surfaces.

Finally, because insulation does turn back stifling summer heat, occupants of insulated dwellings revel in delightfully cooler temperatures even on the hottest days.

An impressive array of advantages and benefits? Yes, they are all yours, *actually without cost to you because that reduction of furnace-heat loss will mean an annual saving on your fuel bill of as much as 30%!* A saving that will be repeated year after year for the life of your home.

## "BUILDING" INSULATION RIGHT INTO YOUR HOME

It may, at first glance, seem like a complicated task to build insulation right into an already-built home. *Actually, however, an efficient insulating material can be applied to any type of construction, no matter what its age, in a matter of hours.* That material is Celotex Rock Wool . . . a soft, fluffy material composed literally of millions of long, thin rock fibres which have been intertwined to form a highly resistant heat barrier. *Side walls* can be quickly insulated merely by blowing Celotex Rock Wool into the wall stud space.

*Floored attics* can be treated with the same ease. All that is required is to temporarily remove a few boards so that the rock wool can be blown under the flooring. *Open attics* can be insulated with a minimum expenditure of time, merely by blowing granulated rock wool between the floor joists or by applying rock wool batts or blankets in these spaces. Ask your lumber dealer for graphic literature describing the many advantages of this truly remarkable fuel-conserving comfort "insurance."

## BUILDING GREATER COMFORT INTO THE NEW ROOM

There are probably millions of homes in America --- some, twenty, thirty and forty years old --- whose attics have never contributed a moment of service, simply because they have always been entirely too unbearable. Fortunately, the day of waste attic space is rapidly passing --- thanks to modern insulation. To make your attic one of the most comfortable rooms in the house, first apply Celotex Rock Wool Batts or

Blankets between the open rafters and studs. Next, apply the inner wall, selecting a sturdy, beautifying insulator like Celotex Interior Finishes. These handsome finishes can be applied to framing members or over old wall surfaces with remarkable ease. Here, then, is efficient two-fold insulation that will make the once-shunned attic as pleasing and comfortable as any room in the house.

## BUILDING "IDEAL" INSULATION INTO THE NEW WING

"If I could only do it over" is a common lament among homeowners who, for years, have paid the penalty of not thoroughly insulating their homes at the very outset. They would probably like to do their homes over so that they might incorporate complete, efficient insulation from stem to stern. You have just such an opportunity when erecting a new wing or similar addition. When starting "from scratch," you can conveniently apply fuel-saving, comfort-insuring insulation at the three vital places which should be fortified. The interior wall --- for

which you would probably specify Celotex Interior Finishes . . . the wall stud space --- for which Celotex Rock Wool batts or blankets are indicated . . . and the sheathing under the exterior finish. Material for the latter must have outstanding insulating properties plus extraordinary strength. On the "testimony" of thousands of home-owners, we offer Celotex Vapor-seal Sheathing for this use. A cane fibre product, it is a most efficient heat barrier, and actual tests have proved its structural strength. Yes it is the fitting climax to a program of "ideal insulation" for new work.

## "BUILDING" INSULATION ONTO WINDOWS AND DOORS

At first glance, the mention of windows and doors may seem irrelevant in a discussion of home-insulation. The fact is that they have a very well-deserved place in this company, since heat-units do escape rapidly through glass itself as well as through imperceptible cracks around windows and doors. The only effective remedy for this loss of costly heat without completely sealing up these openings is the

installation of storm sash and doors and complete weatherstripping. Your lumber dealer can provide you with properly fitted storm sash right out of stock and he can either furnish you with the weatherstripping or arrange to have it installed. But make it a point to arrange for both items before the first cold snap. They will easily pay for themselves in the years to come by the money they'll save on fuel bills!

# *Build into Today's Home the Rooms you dreamed of for Tomorrow!*

## **THESE ARE ROOMS YOU THOUGHT WOULD NEVER COME TRUE**

If you have ever experienced the luxury of day-dreaming every detail of your home-to-be . . . (and who hasn't) . . . don't let L-41's restriction on new home construction prevent you from realizing the thrill of actually living in its idealized rooms. Rather, make these perfect new rooms come true by doing over your present rooms. It's what many home-owners, faced with the necessity of making present dwellings do "for the duration," have decided on as their war-time remodeling program.

For instance, a forlorn attic can be transformed into a sleep-inspiring bedroom. A rumpus room that sparkles with conviviality can come to life

in a sooty, dank basement. A shunned and drafty bedroom can blossom into a room for youngsters to grow up in. A trim and compact one-room economy apartment for two is a real possibility in unfinished waste space that is now a trunk storage and catch-all. And just to prove that such rooms are not merely wishful thinking, the photographs on the next page are of just such "found" rooms as we have described.

So . . . consult with your lumber dealer. Let him show you what "new room magic" can be worked with materials that are still available, and at a cost well within Conservation Order L-41's \$200 remodeling limit.

## **NEW ROOMS THAT ARE REVENUE-PRODUCERS**

We have already spoken of the crying need for added housing accommodations to care for war workers in overcrowded production areas. Think how welcome any one of the rooms pictured here would be to some man who is putting in long and hard hours over a lathe or drill-press . . . turning out the machines of war.

He will not expect nor want one of those rooms

for nothing. He is making a good salary and can afford to pay whatever you ask for it. But he wants it *now* --- as quickly as he can get it.

So, why not see your lumber dealer today? You'll be surprised to learn how little it costs to build any one of these rooms. Yes, so little, that it can completely pay for itself out of the added revenue that it will produce.



## TWO ARE LIVING AS CHEAPLY AS ONE

This attractive one-room apartment was built from a dreary old attic --- the kind you used to love rummaging around by day when you were young but would never dare venture into at night. Now it provides welcome revenue while serving as a delightful home for a young married couple who work in a war plant. Its walls and ceilings are built of a combination of Celotex Insulating Interior Finishes but the same effect could be easily achieved with sturdy fireproof sheets of Celo-Rok Wall Board. Properly insulated, this "love nest" will reduce fuel consumption for the entire house and remain delightfully comfortable on the hottest summer days.



## SURROUNDINGS THAT STIMULATE DIGESTION

Yes --- environment can have a very profound effect on the digestive system. But the effect is all to the good when meals are enjoyed in so charming a setting as this dining room. This is another classic example of making the oft-dreamed-of rooms in tomorrow's home come to life in your house of today. The walls are of Celotex Interior Finishes with matching mouldings and built-up cornices of the same material. Unfortunately, not seen in this picture are the double doors in the appropriate French Provincial mode, chosen from your lumber dealer's catalogue.



## A RUMPUS ROOM BUILT FOR GOOD FELLOWSHIP

This basement used to be a place to spend as little time in as possible. Then came the happy thought of a rumpus room. Now, it's definitely the meeting place for the whole family and their friends. It was simple to effect the transformation too. First, the basement was waterproofed . . . then the floor was laid with resilient linoleum after which the walls were covered with Celotex Interior Finishes. (Celo-Rok Wall Board with its attractive finish and its core of fireproof gypsum rock could be used here to good advantage too.) Decorative treatment, in the case of a rumpus room like this, should be definitely on the gay side.



## IT USED TO BE "THUMBS DOWN" ON THIS ROOM

Doesn't seem possible, does it, that anyone would shun this lovely attic room? But that, of course, was before it had its face lifted by means of a simple remodeling operation. The handsome finish (either Celotex Insulating Interior Finishes or a combination of Celotex Rock Wool Insulation and Celo-Rok Wall Board) can be applied right over the old wall surface in a matter of hours. The doors, woodwork and other fixtures for such a new room can be purchased right out of the lumber dealer's catalogue at mass-production prices. And, even though the room isn't rented out, it will "pay its way" by helping to shave the fuel bill because it reduces heat-loss at the point where it is usually greatest --- at the top of the house.

# Discover a *Second Home within Your Walls*

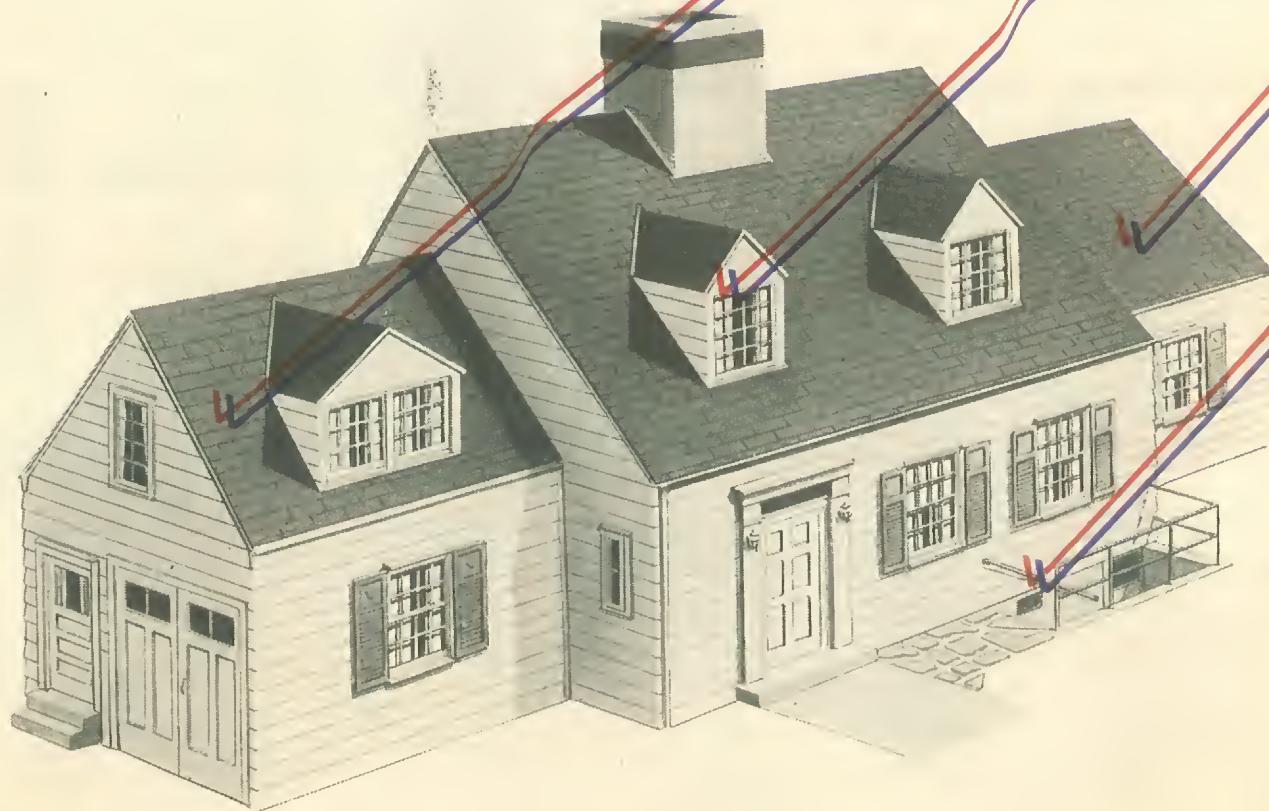
## FOR A MAN WITH A JOB TO DO

There are millions of Americans on the move today. They are a part of America's great wartime army . . . the machinists and mechanics . . . welders and riveters . . . lathe operators and grinders . . . metal workers and carpenters . . . skilled hands and laborers . . . moving to Detroit and San Diego, to Buffalo and Gary, Spokane and Newport News . . . wherever there is a "help wanted" sign for men who can turn out machines of war.

Most of these migratory craftsmen are not restless nomads. They are family men, travelling with wives and children. That means they cannot be accommodated in single rooms such as we described on the preceding page. They

must have two, three rooms --- whole apartments --- for themselves and their families. Such complete living units can be constructed in or added to existing dwellings under provisions of the War Production Board's Order L-41. This work comes under the head of "War Conversion" Remodeling on which there is a ceiling of \$5,000. FHA will insure loans up to that amount to finance such vital, timely --- and profitable remodeling.

On these pages are illustrated several possibilities for converting the typical single-family home into a multi-family unit. Perhaps among these you will find some clue for the "discovery" of a second home within your own residence.



### A RENTABLE GARAGE "PENTHOUSE"

In these days of gas- and tire-rationing, many garages have no utility other than as dead storage space for the family car. By erecting a second story over the garage and fitting it up as a complete, compact apartment, this now-inactive building can again become a

producing member of the home-group. True --- there's not room for a ball-room or pipe-organ in a home of this size, but it does have all the essentials for comfortable living; a combination living-dining room, kitchenette, and bath.

### A SECOND HOME ON THE SECOND FLOOR

While some family units tend to expand with the years, others contract as sons and daughters move from the home circle to make their own place in the world. Such a family might do well to fashion a self-contained apartment out of a little-used upper story. Major items of expense are, of course, a private entrance and staircase, installation of the kitchen and

removal of a few partitions. Beyond that, surprisingly little alteration of the fundamental floor plan is required. All walls, incidentally, can be quickly finished with either Celotex Interior Finishes or Celo-Rok Wall Board, both of which can be applied to new studding or right over old wall surfaces at an amazingly low total cost.

### A NEW WING WITH A DOUBLE PURPOSE

The beauty of erecting a wing like this is the fact that, while it becomes an integral part of your residence, it enhances your property with the plus value of a second house. Also, it is not only an ideal solution to the housing problem for one war worker, it will also help to anticipate the future residential needs

of your own family. Thus, this wing --- today home for a war worker --- might tomorrow serve as the residence of a married son or daughter. Therefore, while it should be treated as a separate unit, it should be so constructed that it can be "taken into the home" at any time, merely by cutting through a partition.

### A REVENUE-PRODUCING BASEMENT

Many home owners have converted conventional unfinished basements into wholly self-contained units, complete with living room, dining alcove, kitchenette and bath. Equipped with its own private entrance --- which was formerly the below-street-level service en-

trance, the occupants of such a home can come and go as they please without contact with the owner upstairs. The latter, therefore, still continues to enjoy all the privacy of a single-family home yet receives the benefit of an attractive monthly income.

### A DISCARDED BUILDING COMES INTO ITS OWN

While city dwellers conceive the home-garage combination as the unit of domestic life, suburban and rural properties frequently include various outbuildings such as a work-shed or even a barn. It takes merely a little ingenuity to convert such structures into attractive homes. This suburban remodeling classifies as a war project, too, because of the trend to establish war industries out in the "open country" away from cities. Here is one important point to be kept in mind with this type of remodeling. Because such buildings were not originally designed for human habitation, they should be thoroughly insulated to insure complete, fuel-saving, year 'round comfort.



### FOUR WHERE FORMERLY THERE WAS ONE

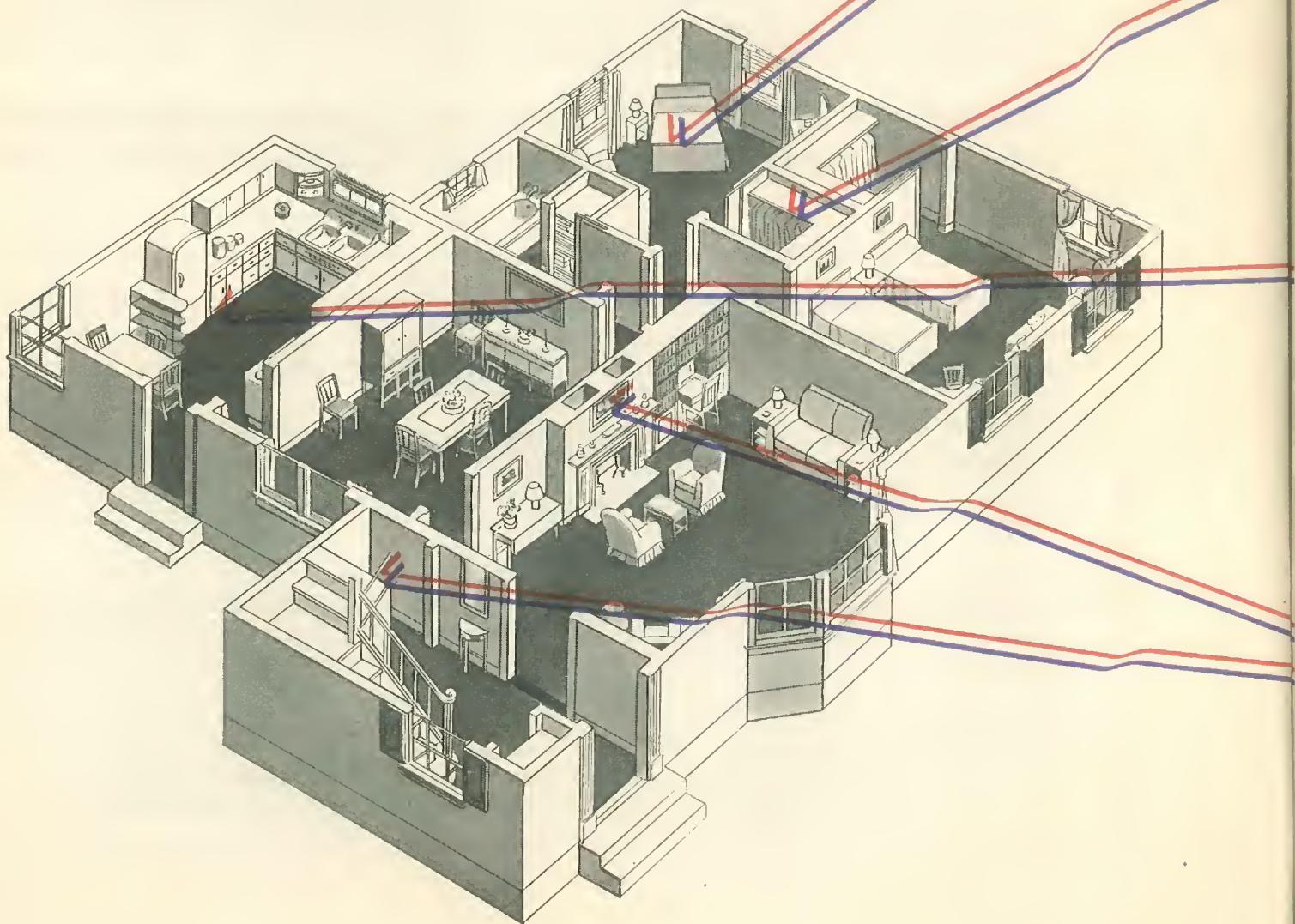
No . . . that is not a conundrum but merely a way of saying that this commodious home --- originally a single-family residence --- now gives welcome shelter to four families. This type of home "subdivision" is particularly prevalent today in smaller cities and towns where yesterday's building vogue was to "make 'em big and sprawling." Yes, it will be of interest to every home-owner . . . first, as a dramatic illustration of what can be done in making over a "well-established" house . . . second, as an inspiring example of the zeal and ingenuity with which Americans are responding to the job of smashing today's critical housing bottle-neck!



# *Those "Extra Touches" to make your Home a Better Place to Live for the Duration*

When you stop to think about it for a moment, a home . . . *your* home . . . is one of man's most inspired creations. A material thing of stone, wood, plaster, glass and cement . . . it nevertheless becomes something infinitely more human and personal. It becomes a mirror of your own personality . . . responding enthusiastically to every attention . . . every change or improvement, no matter how simple. Today,

therefore, when we demand far more than mere shelter from our home . . . when we expect it to provide the very inspiration for the hectic months ahead . . . let us conscientiously examine it with a fine-tooth comb . . . hunting out those easily-overlooked nooks and crannies where some small timely bit of remodeling in a single room will give the entire house a stimulating new flavor and interest.



## MAKING TWO BEDROOMS WHERE, BEFORE, WAS ONE

If you had contemplated building a new home this year or next in order to provide additional living rooms, it behooves you to find the required new rooms right in your present quarters. A simple way is by subdividing over-large bedrooms . . . making two out of one. You can get a feeling of spaciousness in each of the subdivided rooms by retiring the bed into a niche built out from present walls. The space around the niche can be utilized for closets, shelves or a built-in bureau. The wall forming the interior of the niche can be improved with attractive shelving for books

or knick-knacks. Another serviceable suggestion is to "false-ceiling" the niche so that storage cabinets can be added over the bed. (Incidentally --- you might size the bed niche to accommodate the mattress and spring from your old bed since new bed springs and mattresses are even now high on the priority list.) The wall-space beneath a dormer ideally lends itself to a built-in dressing-table, desk or bureau. Made from Celotex Hard Board and enamelled to fit into the general decorative scheme, such improvements add much both to the appeal and utility of the room.

## MAKING A DREAM OF "ENOUGH CLOSETS" COME TRUE

Every house-wife invariably demands "a home with enough closet space." Yet, most houses have a way of developing a closet-shortage sooner or later. That situation can be quickly remedied by any of these suggestions. Where two rooms adjoin one another steal space from the larger room and convert it into an intervening closet which serves both rooms. You can construct a large closet by building out from the present wall and facing the addition with folding or sliding doors. Also, you can "double-up" present closets by adding two overhead shelves at door level

with a lift shelf between. This is a movable shelf which may be lifted from either side to permit easy access to either fixed shelf. Cupboards may be added in recessed windows. Radiator covers extended to the width of the room offer an opportunity for additional storage space. And the space beneath the laundry may be improved with cabinets. All in all, there is really no need to lament the shortage of closet space. All that is required is a little persistent rooting out of places that can be rendered useful with a little ingenious carpentry.

## BRINGING A NEW ERA OF EFFICIENCY TO THE KITCHEN

You may, of course, ask "Why remodel the kitchen when it is so difficult to get new ranges, refrigerators or any other equipment?" A point well taken --- but *not* one that should deter you from at least starting on your kitchen remodeling program. Proceed with your modernization plans now --- leaving enough space for that new refrigerator, range or sink that you plan to buy after the war with the War Bonds you're accumulating so religiously every pay-day. Plan your new kitchen along one of today's tested floor plans that divide your kitchen into three distinct departments . . . one for storage facilities which is always placed nearest the kitchen door . . . one for cooking which should adjoin the dining room

door . . . finally, the "preparation department" which includes the sink, etc., and always should be placed between the other two "departments." Whichever floor plan you follow, all of your appliances should be connected with work-tables and floor cabinets of a uniform height. You will probably have to forego any new metal cabinets but you can use Celotex Hard Board or lumber with equal effectiveness. A parallel line of overhead cabinets will be most welcome for dishes, preserves, etc. By thus consolidating your "kitchen factory" into a compact assembly line operation, you will probably discover enough additional floor-space for an attractive breakfast nook, another precious time-saving improvement.

## ODDS AND ENDS THAT MAKE A HOME

*What about a new mantel for the fireplace?* Certainly a source of endless comfort and cheer on chill wintry evenings, it will add a dramatic new note to the living room. . . . Ask your lumber dealer for his catalogue of ready-made mantels. Chances are that you'll find one that will just fit in your home. . . . *Have you thought about a powder room?* That dark under-the-stairs lavatory can be quickly converted into an attractive powder-room. Relining the walls with a cheerful Celotex Interior Finish . . . then build in an attractive dressing table consisting of a sturdy shelf backed up by a tall mirror. . . . *Radiator covers add eye-appeal.* . . . While you probably will not be able to purchase metal radiator covers, you will

find that Celotex Hard Boards will serve the same function and perhaps having something of an edge as far as "looks" are concerned. They save a good deal of heat for you if they are backed up with a sheet of Celotex Cane Fibre Insulating Board. . . . *Install sliding doors and save valuable space.* . . . Easily installed in complete units sliding doors can make your rooms seem larger because they make available the space formerly taken up by the conventional swinging type doors. In an average kitchen, for example, they save as much as 8 sq. ft. of floor space and 21 sq. ft. of wall space --- room which can be utilized for additional cabinets and table so necessary in the modern home work center.

# *“Programming” is the Secret of Successful Home Improvement*

As we have mentioned frequently in the foregoing pages, your government's interest in helping you to maintain your home in “good working condition” is reflected in the absence of any restriction on the amount of repair and maintenance work which you can do under Conservation Order L-41.

To make the most of this unlimited opportunity for reconditioning your home, you will want to check carefully all of your repair needs. That calls for a methodical survey of your house --- from foundation to chimney and front door to attic. Your “inspection tour” will undoubtedly reveal a number of remodeling possibilities too --- probably along the lines of those discussed in this book.

All of the remodeling improvements we have suggested are perfectly feasible today. First . . . because, generally speaking, none of them require materials now designated as critical.

(It is impossible, of course, to foretell how long the materials recommended in this book will continue to be available --- which is why we again urge early action on any contemplated improvements.)

Second . . . while the cost of the remodeling items mentioned in this book will naturally vary with the size of your home, the materials you select, and other local factors . . . all of the foregoing improvements should be possible for an average home in a typical community within the limits of Order L-41's \$200. ceiling. (Except, of course, those items which come under the head of “War Conversion” Remodeling.)

You will find, however, that your \$200 will “go farther” and you will derive infinitely greater satisfaction from your improvement-expenditure if your remodeling is scheduled to go right along with your maintenance and repair work. For example . . .

## **When you do this repairing . . .**

Repair your present roofing

Replace present siding

Repaint exterior

Repaint, re-plaster, or re-finish interior

## **Why not do this remodeling?**

Alter the present roof-lines, or

Add a new dormer, or

Insulate the roof

Alter or remove present porch, or

Alter window-openings, or

Insulate side walls

Remove or alter partitions, or

Install built-in cabinets, or

Add a new room

Your lumber dealer can help you to work out such a program that will go a long way towards incorporating into your home most of the im-

provements which are so essential for a home ready and able to serve as a constant source of inspiration for Americans at war.

*Guard Your American Home*



## HOW CONSERVATION ORDER L-41 AFFECTS

# The Farmstead

Everything we have said in these pages about what can be done under Order L-41 to repair and remodel the war-time home is applicable to the farm home. In other words, any American farmer may --- without any restrictions as to

amount --- do whatever maintenance and repair work is necessary to preserve his home in "sound working condition." When it comes to remodeling, however, he is subject to the nation-wide WPB ceiling of \$200 in any 12-month period.



### AN L-41 PROVISION WHICH PERTAINS EXCLUSIVELY TO FARMERS

Because of the fact that American agriculture is confronted with the stupendous task of producing the mountains of food which will sustain the millions engaged in the great crusade for freedom . . . the War Production Board has, in effect, classified the farm as a preferred "war industry." It has therefore established a "plus ceiling" of \$1,000 which any farmer may spend during a 12-month period for the materials and labor necessary to construct and remodel qualified "producing units" or service buildings in the "farm factory," without obtaining a government authorization. Any farmer who wishes to spend more than \$1,000 during any single year may do so by obtaining authorization from the WPB. Merely demonstrate to your County War Board of the USDA that

such added expenditures are necessary to the production of more food for freedom. Any plus expenditure which is so authorized is in addition to your \$1,000 ceiling. Thus, if the WPB authorizes construction of a \$1,600 dairy stable, you still may spend \$1,000 for remodeling other service buildings.

No government authorization is required for construction that comes within the \$1,000 or \$200 ceilings --- or for any maintenance and repair work that is necessary to preserve the value and utility of your farm buildings. *In fact, your government urges you to proceed at once with whatever service building improvements that may be required to stimulate the productiveness of your farm.*

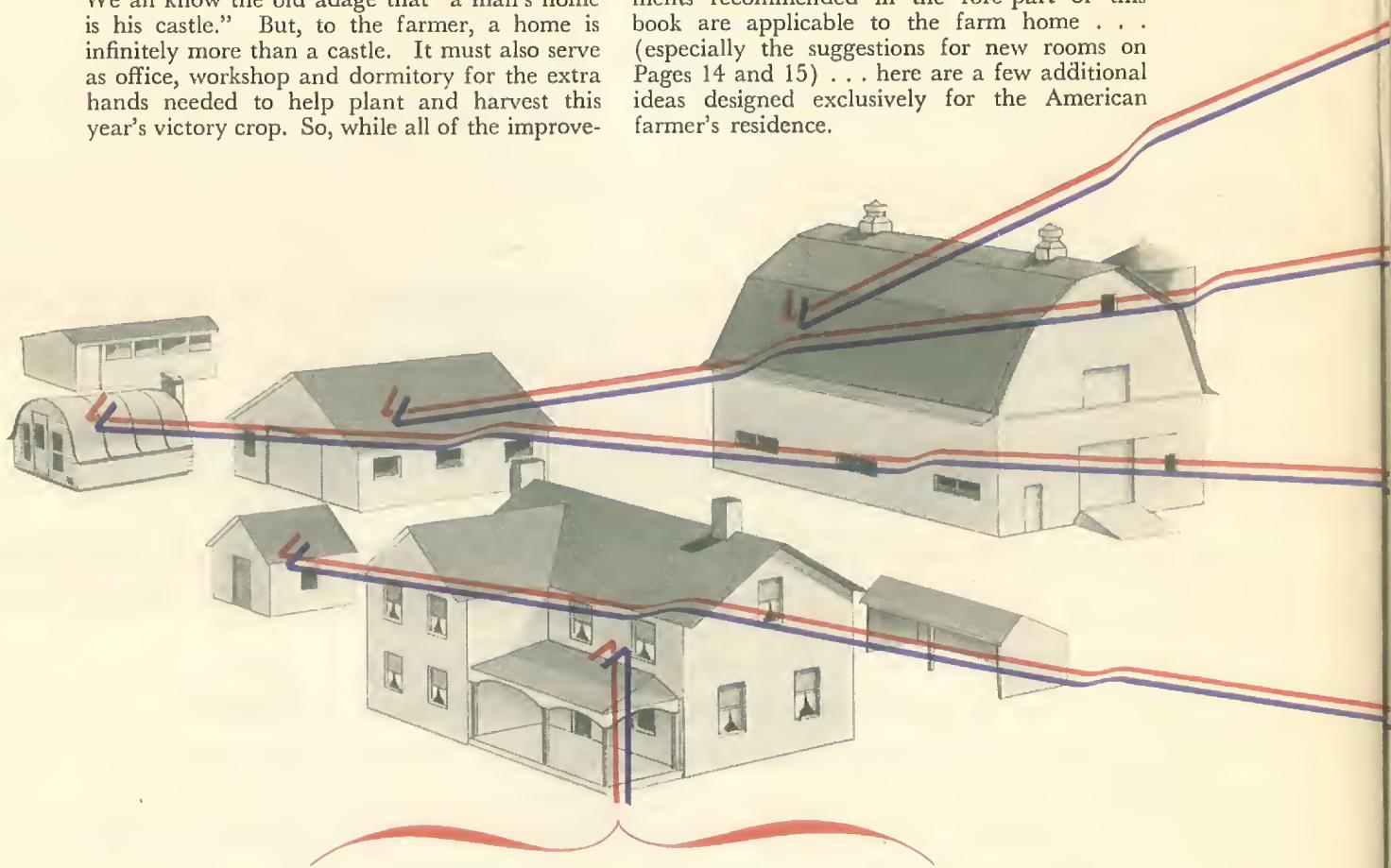
***In the interest of victory, therefore, we urge you to re-examine each of your farm buildings — now . . . and to take — at once — whatever steps may be required to put all of them on a war production basis.***

# Improving the "Farm Factory"

## TO PRODUCE MORE FOOD FOR FREEDOM

We all know the old adage that "a man's home is his castle." But, to the farmer, a home is infinitely more than a castle. It must also serve as office, workshop and dormitory for the extra hands needed to help plant and harvest this year's victory crop. So, while all of the improve-

ments recommended in the fore-part of this book are applicable to the farm home . . . (especially the suggestions for new rooms on Pages 14 and 15) . . . here are a few additional ideas designed exclusively for the American farmer's residence.



### THE HOME IS HEADQUARTERS IN THE BATTLE FOR FARM PRODUCTION

**The Office** . . . The "boss" of the farm should have a room --- not a large one, necessarily --- where he can keep his books and records. Perhaps some space can be stolen from the kitchen --- when mother isn't looking . . . or an extra pantry or storage-room can be converted for such use. The room can be built economically and in short order with Celo-Rok Wall Board. Several built-in shelves and cabinets should be included for reference books and papers. **The Utility Room** . . . While many farmers combine this room with the kitchen, it is preferable to have separate quarters for the many chores that really have no place in the kitchen. You can create such a work-room by re-partitioning the kitchen to provide two units . . . or by enclosing an open porch adjacent to the kitchen. Lay out this room so that it is fully "departmentalized." One portion should be reserved for canning equipment, another for the laundry, a third for the separator, and a fourth for a wash-up lavatory or complete bath-room --- if you have access to some second-hand plumbing equipment. Each

department should have its own storage facilities . . . floor cabinets for heavier items, overhead wall cabinets for the lighter equipment. **Work-clothes Closet** . . . To win the undying gratitude of the lady of the house, provide a convenient storage space for perspired work clothes, wet sheepskins and icy overshoes. Such a closet can be economically constructed in the back-hall of Celotex Hard Board with a concrete floor sloping to a drain. Provide for a small grill in the bottom of the door and air vent on the ceiling or high on the wall to insure a rapid circulation of warm air which will dry clothes rapidly. **Winter Vegetable Storage** . . . The old proverb that "to waste is sinful" was never more appropriate than right now, when it is so necessary to conserve every ounce of food for the war effort. That's why so many farmers are building facilities for storing root crops, fruits and vegetables. Partition an area --- at least 6' x 6' --- of an unheated basement --- fit it out with appropriate bins and shelves . . . and your stored crops will keep hale and hearty all winter.

## THE DAIRY BARN

The Dairy Barn merits special attention today because of the vastly increased output of dairy products called for under our national "food for freedom" production quotas. Check, first, to see whether your stable is warm, dry, well-ventilated. If not, you will want to make immediate arrangements for insulation with Celotex Vapor-seal Sheathing. As thousands of successful dairymen can verify, this superior cane fibre insulation will pay for itself many times over by

maintaining a greater year 'round milk flow. If the stall floors are worn, they should be repaired with a material like Celotex Protection Board which can be applied right over the present floor to provide a warm, resilient surface. You will want to check the effectiveness of your ventilating system, too. You might consult your lumber dealer about the possibility of installing a mechanical, thermostatically-controlled system if you still have a conventional flue system.

## THE HOG HOUSE

Hog Houses that protect your litters against sudden changes in temperature can be one of your most effective partners in today's drive for greater production and profits. Here, again, the formula for efficient, all-weather protection is insulation. But, of course, it can't prove 100% effective unless the building is "topped" with a good, sound roof. That

holds true with any farm building. If there are any worn, leaky spots in the roof of the dairy stable, poultry or hog house, by all means arrange to repair them at once. If, of course, the roof is too far gone, you can do a complete re-roofing job for surprisingly little with Celotex Triple Sealed Roll Roofing or Celotex Triple Sealed Asphalt Shingles.

## THE POULTRY HOUSES

Poultry Houses that actually stimulate egg production and protect chicks in all types of weather are a "must" on your war-time improvement list. Here, again, the first question to ask yourself is, "Are my laying and brooder houses properly insulated?" If not, the chances are that you are not getting the most out

of your flocks. You can actually increase egg production as much as 33 1/3% by fortifying poultry houses with Celotex Vapor-seal Sheathing. Your buildings will last longer if you protect the interior against the pecking of chicks with a wainscoting of some rigid, hard-surfaced material like Celotex Hard Board.

## THE MILK HOUSE

Insulated Milk Houses are practically indispensable today because of the strict regulations for cooling and holding market milk. If your profits have suffered, therefore, because of excessive milk-spoilage, you will want to bring your old milk house up-to-date by the application of Celotex Insulating Cane Board. Another

important improvement is the construction of a "cooling tank fortified with Celo-Block Insulation which make Grade A milk requirements easy to meet. Your Celotex dealer can provide you with complete plans for insulating your milk house and for building an efficient cooling tank.

## FARM PRODUCE STORAGE

Farm Produce Storages are essential to insure a constant, year 'round supply of nutritious fruits and vegetables for the nation at war. Providing an efficient structure for such storage, therefore, practically becomes a patriotic duty. And, in times of peace, it will pay dividends by enabling you to hold crops until prices are right. Whether you build a new storage or improve your old one, the walls, ceilings and doors should be insulated with Celotex Vapor-seal Sheathing if crops are to be protected during extremely cold or

hot weather. Check the doors so that air leakage is reduced to a minimum. While humidity control can be manual --- by sprinkling the floors, such mechanical controls as humidists, fans and spray nozzles are recommended. If your storage is already equipped with such devices, inspect them to see that they are in good working condition. Also inspect the air intakes and outlet stacks to make sure they are in good working condition. (It may be desirable to add additional intakes for better ventilation.)

## GRAIN STORAGE

Grain Storages are a leading item on the government's list of recommended farm improvements. With every granary in the nation filled to overflowing, millions of bushels of grain must be stored on American farms in anticipation of tomorrow's emergency food needs. An effective and efficient grain storage can be erected

with a surprisingly small cash outlay. Ask your lumber dealer for the Celotex Grain Storage Plans which give you complete specifications for building such a structure. If, of course, you already have such a storage among your farm buildings, make the repairs necessary to render it completely serviceable.

HERE'S ONE FARMER'S

# L-41 Remodelling Program

Every patriotic American, whether he is a member of agriculture, industry or commerce, will recognize the War Production Board's Conservation Order L-41 as a vital war measure. For, as we have said so often in this book, its sole purpose is to conserve critical materials required for the war effort. It is for that reason that it has set the ceilings on remodeling which we have discussed on the foregoing pages.

That these ceilings are liberal enough to permit every American farmer to engage in necessary remodeling operations, both in his home and service buildings, will be evident from the following illustration of what one farmer is actually doing under L-41.

Near Hinckley, Illinois, in DeKalb County,

Marvin Christiansen owns a 120-acre farm which the Insulation Board Institute is using as a "guinea pig" to determine just how much remodeling can be done on the farm home with \$200 . . . and how much can be done in service buildings with \$1,000.

This is *not* a typical farm. Its buildings are older than most and have received less attention than those on the average farm. For example, the home itself is 90 years old . . . and the upstairs rooms, with one exception, are so cold and drafty, that the family has not been able to occupy them for years. That is typical of the condition of many of the structures on this farm. Yet, see what can be done under L-41 to recondition a farmstead which needs so much.

## THIS IS WHAT \$200 IS BUYING FOR THE HOUSE

- Complete insulation of upstairs rooms.
- Porches all straightened\*
- Exterior completely repainted\*

\*Classified as repair items—not included in the \$200 remodeling limit.

## THIS IS WHAT \$1000 IS BUYING FOR THE SERVICE BUILDINGS

- General barn remodeled with stanchions for 10 cows
- Monitor type chicken house (that has not been used for several years) completely restored to good working condition
- Hog house, 27 x 40, completely insulated, new ventilating system installed, feed room added
- Milk house remodeled and insulated
- A brooder house remodeled and insulated

**Here is proof that Order L-41 permits you to make any improvements that are essential for greater profits and greater production of food for freedom!**

Take advantage of these liberal war-time ceilings for the improvement of *your* farm buildings. Ask your lumber dealer for Celotex Farm Plans which will be of invaluable aid in the rehabilitation of old structures and the building of new ones. They represent the last word in

efficient farm construction! These plans include specifications for the insulation of Dairy Barns, Milk Houses and Cooling Tanks as well as complete plans for the construction of Range Shelters, Brooder Houses, Laying Houses, Hog Houses and Storage Houses.

# Improvement Budgets Go Further with *Celotex* Building Products

*The Celotex Corporation through its nation-wide network of retail lumber dealers makes available to Americans everywhere quality building materials for every new construction or remodeling program.*

#### STRUCTURAL INSULATION PRODUCTS

Vapor-seal Sheathing	Asphalted Sheathing
Vapor-seal Lath	Regular Lath
Cemesto Board	Roof Insulation
Thermax	Celo-Block

#### CELOTEX INTERIOR FINISHES

Building Board	Tile Board
Finish Plank	Key Joint Units
Hard Boards	Wainscoting

#### ROCK WOOL INSULATION PRODUCTS

Loose Rock Wool	Rock Wool Batts
Granulated Rock Wool	Rock Wool Blankets

#### TRIPLE SEALED ROOFING PRODUCTS

Celo-Roof	Asphalt Shingles
Mineral Surfaced Siding	Roll Roofings
Roofing Felts	Plastics and Roof Coatings
Sheathing Papers	Traffic Top

#### CELO-ROK AND CELO-ROK ANCHOR GYPSUM PRODUCTS

Plasters (all types)	Wallboards
Lime	Sheathing
Keene's Cement	Lath
Gypsum Blocks	Liner Board
Lath and Wallboard Clips	Backer Board

#### MISCELLANEOUS PRODUCTS

Absorptive Form Liner	Protection Board
Flexcell Expansion Joint	Celocrete
Mil-flor	Celo-Siding





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